PATENT

Docket No.: 28341/6280NCP

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DECLARATION (37 CFR §1.63) AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am an original, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "Alzheimer's Disease Secretase, APP Substrates Therefor, and Uses Thereof', Docket No. 28341/6280NCP, the specification of which was filed on September 22, 2000 as Application Serial No. 09/668,314.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56(a).

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Application	Filing Date	
Serial No.	(Day/Month/Year)	
60/101,594	9/24/98	
60/155,493	9/23/99	
60/169,232	12/6/99	

I hereby claim foreign priority benefits under 35 USC §119(a)-(d), or §365(b), of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT International Application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT International Application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application on which priority is claimed:

Application		Filing Date	Priority Claimed
Serial No.	Country	(Day/Month/Year)	(Yes/No)
PCT/US/20881	PCT	9/23/99	Yes

I hereby claim the benefit under 35 USC §120, of any United States application(s) or PCT International Application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application		
Filing Date	Pending, Abandoned)	
9/23/99	Pending	
10/13/99	Pending	
	9/23/99	

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint

Carl W. Battle	(Reg. No. 30,731)	James D. Darnley, Jr.	(Reg. No. 33,673)
Bruce Stein	(Reg. No. 27,231)	Thomas A. Wootton	(Reg. No. 35,004)
Lucy X. Yang	(Reg. No. 40,259)	Andrew M. Solomon	(Reg. No. 32,175)
Edward F. Rehberg	(Reg. No. 34,703)	Ellen Park	(Reg. No. 34,055)
Bruce A. Pokras	(Reg. No. 32,748)	Alvin D. Shulman	(Reg. No. 19,412)
Allen H. Gerstein	(Reg. No. 22,218)	Nate F. Scarpelli	(Reg. No. 22,320)
Edward M. O'Toole	(Reg. No. 22,477)	Michael F. Borun	(Reg. No. 25,447)
Trevor B. Joike	(Reg. No. 25,542)	Carl E. Moore, Jr.	(Reg. No. 26,487)
Richard H. Anderson	(Reg. No. 26,526)	Patrick D. Ertel	(Reg. No. 26,877)
James P. Zeller	(Reg. No. 28,491)	William E. McCracken	(Reg. No. 30,195)
Richard A. Schnurr	(Reg. No. 30,890)	Anthony Nimmo	(Reg. No. 30,920)
Christine A. Dudzik	(Reg. No. 31,245)	Kevin D. Hogg	(Reg. No. 31,839)
Jeffrey S. Sharp	(Reg. No. 31,879)	Martin J. Hirsch	(Reg. No. 32,237)
James J. Napoli	(Reg. No. 32,361)	Richard M. La Barge	(Reg. No. 32,254)
Li-Hsien Rin-Laures, M.D.	(Reg. No. 33,547)	Douglass C. Hochstetler	(Reg. No. 33,710)
Robert M. Gerstein	(Reg. No. 34,824)	Roger A. Heppermann	(Reg. No. 37,641)
James A. Flight	(Reg. No. 37,622)	Gregory C. Mayer	(Reg. No. 38,238)
David A. Gass	(Reg. No. 38,153)	William K. Merkel	(Reg. No. 40,725)
Joseph A. Williams, Jr.	(Reg. No. 38,659)		

all registered to practice before the Patent and Trademark Office as my attorneys or agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith and request that all correspondence and telephone communications be directed to the following person(s) at the mailing address and telephone number hereafter given:

Name : David A. Gass

Registration No. : 38,153

Address : MARSHALL, O'TOOLE, GERSTEIN,

MURRAY & BORUN

6300 Sears Tower

233 South Wacker Drive Chicago, Illinois 60606-6402

Telephone No. : (312) 474-6300

Telefax No. : (312) 474-0448

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Certification Under 37 CFR 1.10 In the Application of: Gurney et al. Express Mailing Label No. EK 657821557 US Serial No.: To be determined I hereby certify that this paper is being Filed: Herewith deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR For: ALZHEIMER'S DISEASE §1.10 on the date indicated below and is SECRETASE, APP addressed to the Assistant SUBSTRATES THEREFOR, AND Commissioner for Patents, Box Patent Application, Washington, D.C., 20231. **USES THEREFOR** September 22, 2000 Group Art Unit: To be determined Examiner: To be determined William K. Merkel

STATEMENT UNDER 37 C.F.R. §1.821(f)

Box Patent Application Assistant Commissioner for Patents Washington, DC 20231

Sir:

I hereby state that the contents of the paper and computer readable copies of the Sequence Listing, submitted herewith in accordance with 37 C.F.R. §1.821(c) and (e), respectively, are the same.

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN 6300 Sears Tower 233 South Wacker Drive Chicago, Illinois 60606-6402 (312) 474-6300

September 22, 2000 By

William K. Merkel Reg. No. 40,725